Attorney Docket No.

Approved for use through 10/31/2002, OMB 0651-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

First Inventor Kang Soo SEO

1740-000058US

RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF GRAPHIC DATA AND RECORDING AND REPRODUCING METHODS AND **APPARATUSES**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Commissioner for Patents **APPLICATION ELEMENTS** Box Patent Application ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 1. Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 Specification [Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross References to Related Applications ii. D paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention - Brief Summary of the Invention 9. 🛛 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 37 C.F.R.§3.73(b) Statement Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 4. 🔯 Drawing(s) (35 U.S.C.113) [Total Sheets 13 12. Information Disclosure ☐ Copies of IDS Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Pages 4 13. 🔲 Preliminary Amendment a. Newly executed (original or copy) 14. 🛛 Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. Request and Certification under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: ____ Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS Correspondence address below ☑ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Harness, Dickey & Pierce, P.L.C. Name P.O. Box 8910 Address City Reston VA 20195 State Zip Code Country United States of America Telephone 703-668-8000 Fax 703-668-8200 Name (Print/Type) Gary D. Yacura Registration No. (Attorney/Agent) Signature Date September 30, 2003

PTO/SB/17 (10-01) Approved for use through 10/31/2002. OMB 0651-0032

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FEE	TRANS	MITTAL
1	for FY 2	003

Patent fees are subject to annual revision.

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TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known						
Application Number	NEW APPLICATION					
Filing Date	September 30, 2003					
Inventor(s)	Kang Soo SEO et al.					
Examiner Name	Unassigned					
Group / Art Unit	Unassigned					
Attorney Docket No.	1740-000058/US					

		METHOD	OF P	AYMENT (che	eck one)		$\overline{}$			FEE C	CALCULATION (continued)	
The Commissioner is hereby authorized to charge			3. AD	3. ADDITIONAL FEES								
1.		indicated fees and credit any over payments to:			Large Entity		Small Entity		_			
Depo Acco		08-0750					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Number				105	130	205	65	Surcharge - late filing fee or oath				
Deposit					127	50	227	25	Surcharge - late provisional filing fee or cover sheet.			
Account Harness, Dickey & Pierce, P.L.C.					139	130	139	130	Non-English specification			
Name					147	2,520	147	2,520	For filing a request for reexamination			
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17					112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
					113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
2. 🛛	rayino	III EHOIOSEA	•				115	110	215	55	Extension for reply within first month	
⊠	Check	☐ Credit	card	☐ Money Order			116	410	216	205	Extension for reply within second month	
		FI	EE CA	ALCULATION			117	930	217	465	Extension for reply within third month	\vdash
1. BASIC FILING FEE					118	1,450	218	725	Extension for reply within fourth month			
Large	Entity		-				128	1,970	228	985	Extension for reply within fifth month	
Fee Code		Fee Fee Code (\$)		Fee Description	on Fee Pa	aid	119	320	219	160	Notice of Appeal	
101		201 375		Utility filing fee			120	320	220	160	Filing a brief in support of an appeal	
106		206 165		Design filing fee	<u> </u>	\dashv	121	280	221	140	Request for oral hearing	
107	520	207 260	0 F	Plant filing fee			138	1,510	138	1,510	Petition to institute a public use proceeding	
108		208 375		Reissue filing fe			140	110	240	55	Petition to revive - unavoidable	\Box
114	114 160 214 80 Provisional filling fee				141	1,300	241	650	Petition to revive - unintentional			
		SUBT	OTAL	_ (1)	(\$) 750		142	1300	242	650	Utility issue fee (or reissue)	
							143	470	243	235	Design issue fee	
2. EXTF	RA CLAIN	/ FEES					144	630	244	315	Plant issue fee	
j					Fee from Fee below Pai		122	130	122	130	Petitions to the Commissioner	
Total Claim	ns 12	-20 **	_	0 X	18 = 0	<u>"</u>	123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
Independen Claims		-3	F	2 X	84 = 168	8	126	180	126	180	Submission of Information Disclosure Stmt	
Multiple Dependent	0		L	 x	= 0		581	40	581	40	Recording each patent assignment per property (times number of properties)	40
Large	Entity	Small E	Entity	,			146	750	246	375	Filing a submission after final rejection	
Fee	Fee		Fee	Fee Descrip	ation		l,	750	2.0		(37 CFR § 1.129(a))	
Code	(\$)		(\$)	•			149	750	249	375	For each additional invention to be examined (37 CFR § 1.129(b))	1
103 102	18 84		9 42	Claims in ex		•	l					
102	280		140	•	t claims in excess of endent claim, if not p		179	750	279		Request for Continued Examination (RCE)	
109	84		42		ndependent claims or		169	900	169	900	Request for expedited examination of a design application	
110	18	210	9		laims in excess of 20) and						
			su	JBTOTAL (2)	(\$)168	\neg		e (specify				
**or num	her nreviol	uely naid if or	ester	For Reissues, se	es above	-	*Reduc	ed by Ba	sic Filing	, Fee Pa	aid SUBTOTAL (3) (\$) 40	
	201 MITTING	1317 para, g	su.c., .	101100000, 0	36 00016		ı					

			T	Con	nplete (if applicable)
Name (Print/Type)	Gary D. Yacura	Registration No. Attorney/Agenty	35,416	Telephone	703-668-8000
Signature				Date	September 30, 2003